

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E73130

Participation : CTR

Employer : Toray Composites (America), Inc.

Status : Affected

Worksite : Toray Composites

Survey Type : Paper

Street : 19002 50th Ave E

Response Rate : 92%

Jurisdiction : Unincorporated Pierce County

Survey Date : 5/7/2018

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 5.6%

Drive Alone Rate : 94.4%

One-Way VMT per employee : 14.7

Average One-Way distance home to work : 15.8

Employees and Survey Response Information

Reported Total Employees at Worksite : 580

Surveys Distributed : 374

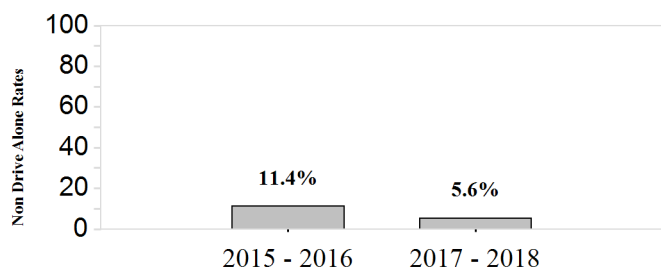
Surveys Returned : 343

Surveys Returned by CTR Affected* Employees : 298

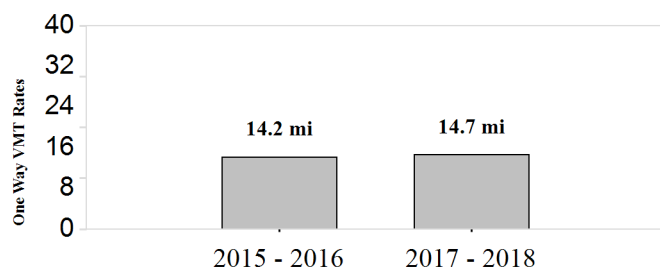
Total Estimated CTR Affected Employees at Worksite : 325

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO₂e Pounds CO₂e

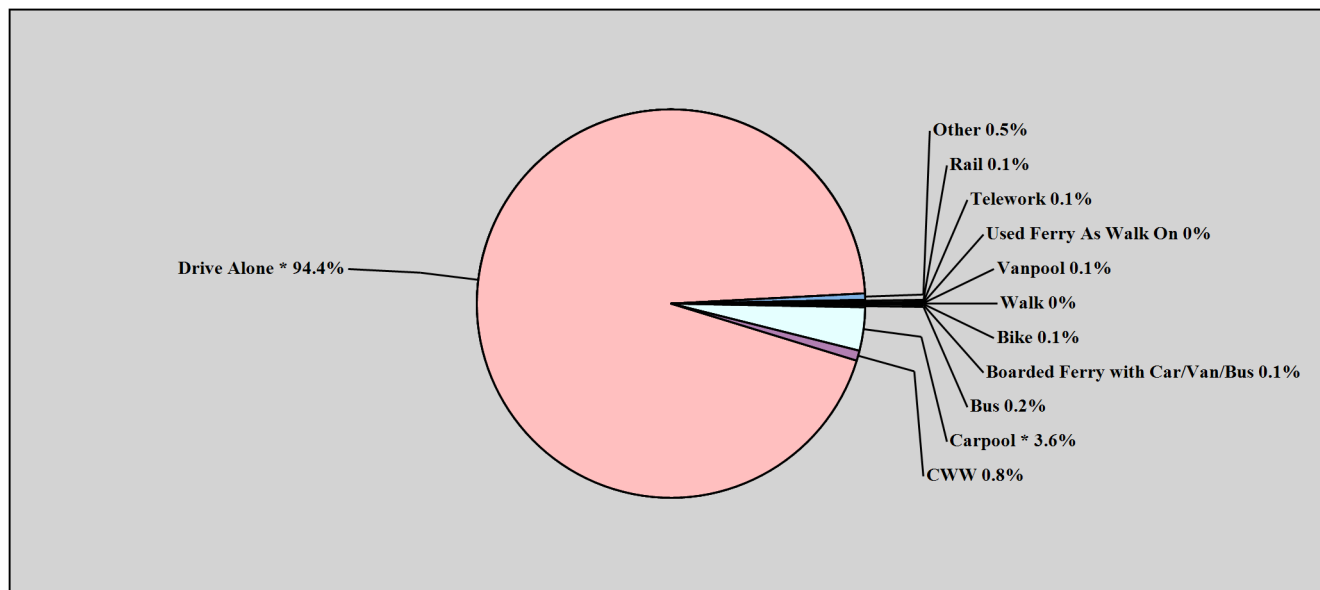
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2009 - 2010	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2011 - 2012	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2013 - 2014	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2015 - 2016	11.4%	11.4%	1056	1668	25.4	14.2	14.1
2017 - 2018	5.6%	5.8%	1091	1844	28.0	14.7	14.6
Target	17.4%				Target:	11.6	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	-5.8				% Change from Baseline:	3.5%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



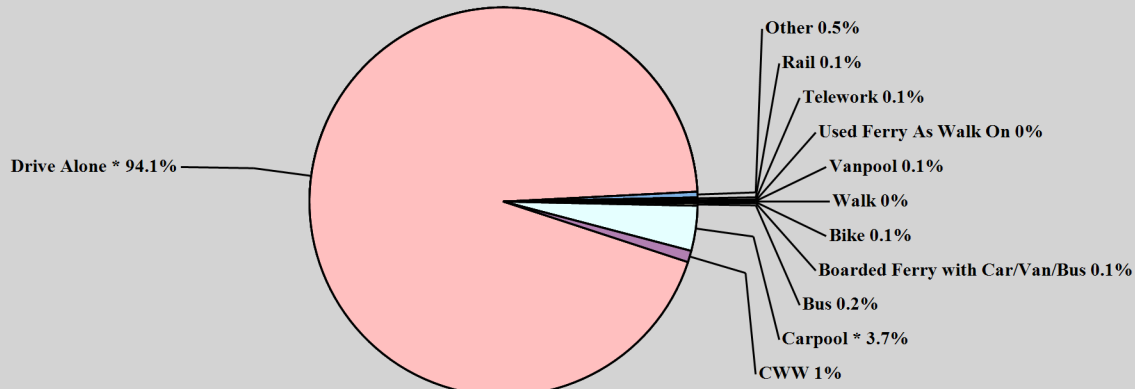
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,572	94.4%	88.5%	335	97.7%	95.9%
Carpool *	60	3.6%	5.1%	16	4.7%	6.5%
Vanpool	1	0.1%	0.0%	1	0.3%	0.0%
Bus	3	0.2%	0.0%	2	0.6%	0.0%
Rail	2	0.1%	0.0%	1	0.3%	0.0%
Bike	1	0.1%	0.3%	1	0.3%	0.3%
Walk	0	0.0%	0.0%	0	0.0%	0.0%
Telework	2	0.1%	0.2%	2	0.6%	0.9%
CWW	14	0.8%	5.8%	3	0.9%	9.5%
Boarded Ferry with Car/Van/Bus	1	0.1%	0.0%	1	0.3%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	9	0.5%	0.1%	2	0.6%	0.3%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,382	94.1%	88.5%	290	97.3%	95.7%
Carpool *	55	3.7%	5.0%	15	5.0%	6.4%
Vanpool	1	0.1%	0.0%	1	0.3%	0.0%
Bus	3	0.2%	0.0%	2	0.7%	0.0%
Rail	2	0.1%	0.0%	1	0.3%	0.0%
Bike	1	0.1%	0.3%	1	0.3%	0.3%
Walk	0	0.0%	0.0%	0	0.0%	0.0%
Telework	2	0.1%	0.2%	2	0.7%	0.9%
CWW	14	1.0%	6.0%	3	1.0%	9.8%
Boarded Ferry with Car/Van/Bus	1	0.1%	0.0%	1	0.3%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	7	0.5%	0.1%	1	0.3%	0.3%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	318	93%	343	100%
1 Days	3	1%	25	7%
2 Days	5	1%	22	6%
3 Days	5	1%	17	5%
4 Days	3	1%	12	3%
5 Days	5	1%	9	3%
6 or More Days	4	1%	4	1%

Count by Occupancy of Carpools and Vanpools

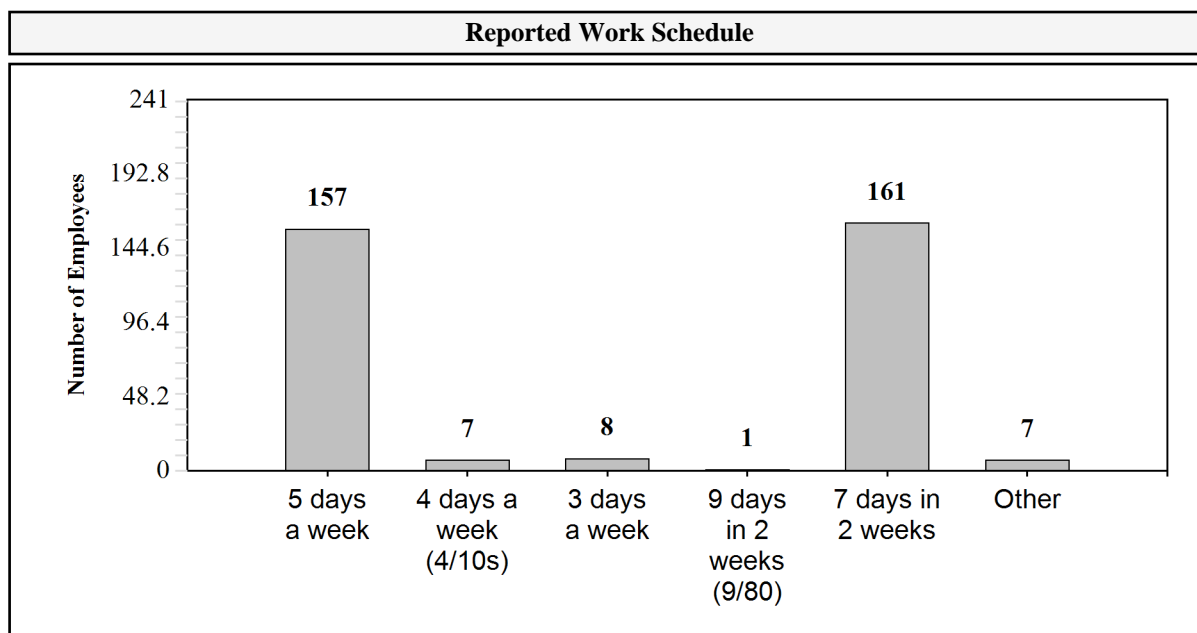
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	60
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	1
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

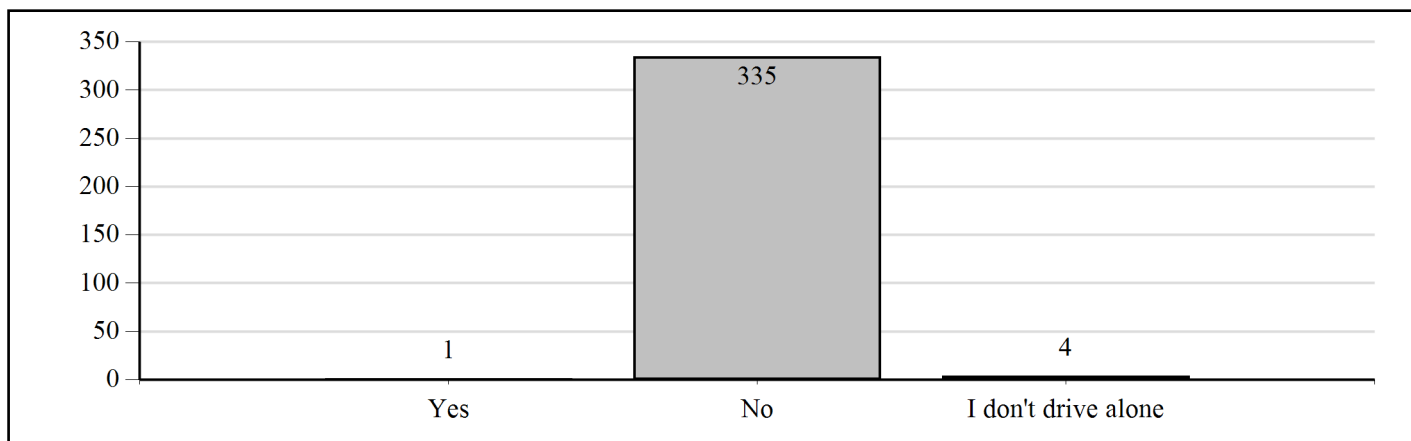
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	157	46%
4 days a week (4/10s)	7	2.1%
3 days a week	8	2.3%
9 days in 2 weeks (9/80)	1	0.3%
7 days in 2 weeks	161	47.2%
Other	7	2.1%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	0.3%
I don't telework	295	86.0%
Occasionally, on an as-needed basis	42	12.2%
1-2 days/month	3	0.9%
1 day/week	2	0.6%
2 days/week	0	0.0%
3 days/week	0	0.0%

Reasons for driving alone to work/not driving alone to work
Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Other	80	19.4%
To save money	71	17.2%
Environmental and community benefits	43	10.4%
Driving myself is not an option	36	8.7%
Personal health or well-being	33	8.0%
I have the option of teleworking	30	7.3%
To save time using the HOV lane	25	6.1%
Financial incentives for carpooling, bicycling or walking.	24	5.8%
Emergency ride home is provided	24	5.8%
Preferred/reserved carpool/vanpool parking is provided	20	4.8%
Free or subsidized bus, train, vanpool pass or fare benefit	13	3.1%
Cost of parking or lack of parking	9	2.2%
I receive a financial incentive for giving up my parking space	5	1.2%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	267	30.6%
Riding the bus or train is inconvenient or takes too long	154	17.6%
My commute distance is too short	141	16.2%
Bicycling or walking isn't safe	90	10.3%
Family care or similar obligations	89	10.2%
Other	85	9.7%
I need more information on alternative modes	22	2.5%
My job requires me to use my car for work	19	2.2%
There isn't any secure or covered bicycle parking	6	0.7%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98387	52	15.16%	268	0	0	2	0	0	0	0	0	0	0	0	0
98338	26	7.58%	104	9	0	0	0	0	0	0	0	0	0	0	7
98375	23	6.71%	106	0	0	0	0	0	0	0	0	0	0	0	0
98373	18	5.25%	80	0	0	0	0	0	0	0	0	0	0	0	0
98374	13	3.79%	58	0	0	6	0	0	0	0	0	0	0	0	0
98328	12	3.50%	49	0	0	2	0	0	0	0	0	0	0	0	0
98580	12	3.50%	43	5	0	3	0	0	0	0	0	0	0	0	0
98444	11	3.21%	58	0	0	0	0	0	0	0	0	0	0	0	0
98445	11	3.21%	46	0	0	3	0	0	0	0	0	9	0	0	0
98446	9	2.62%	44	5	0	0	0	0	0	0	0	0	0	0	0
98407	8	2.33%	30	7	0	0	0	0	0	0	0	0	0	0	0
98372	7	2.04%	32	0	0	0	0	0	0	0	0	0	0	0	2
98391	6	1.75%	25	6	0	0	0	0	0	0	0	0	0	0	0
98404	6	1.75%	30	0	0	0	0	0	0	0	0	0	0	0	0
98466	6	1.75%	30	0	0	0	2	0	0	0	0	0	0	0	0
98499	6	1.75%	21	5	0	1	0	0	0	0	0	0	0	0	0
98409	5	1.46%	21	2	0	0	0	0	0	0	0	5	0	0	0
98360	4	1.17%	19	0	0	0	0	0	0	0	1	0	0	0	0
98467	4	1.17%	15	0	0	0	0	0	0	0	0	0	0	0	0
98004	3	0.87%	12	0	0	0	0	0	0	0	0	0	0	0	0
98006	3	0.87%	15	0	0	0	0	0	0	0	0	0	0	0	0
98022	3	0.87%	12	3	0	0	0	0	0	0	0	0	0	0	0
98038	3	0.87%	15	0	0	0	0	0	0	0	0	0	0	0	0
98092	3	0.87%	12	3	0	0	0	0	0	0	0	0	0	0	0
98371	3	0.87%	15	0	0	0	0	0	0	0	0	0	0	0	0
98402	3	0.87%	15	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98403	3	0.87%	13	0	0	0	0	2	0	0	0	0	0	0	0
98406	3	0.87%	15	0	0	0	0	0	0	0	0	0	0	0	0
98408	3	0.87%	13	0	0	0	0	0	0	0	0	0	0	0	0
98424	3	0.87%	17	0	0	0	0	0	0	0	0	0	0	0	0
98498	3	0.87%	17	0	0	0	0	0	0	0	0	0	0	0	0
98503	3	0.87%	15	0	0	0	0	0	0	0	0	0	0	0	0
98513	3	0.87%	8	7	0	0	0	0	0	0	0	0	0	0	0
98597	3	0.87%	15	0	0	0	0	0	0	0	0	0	0	0	0
98002	2	0.58%	8	0	0	0	0	0	0	0	0	0	0	0	0
98003	2	0.58%	9	0	0	0	0	0	0	0	0	0	0	0	0
98032	2	0.58%	14	0	0	0	0	0	0	0	0	0	0	0	0
98198	2	0.58%	10	0	0	0	0	0	0	0	0	0	0	0	0
98327	2	0.58%	9	0	0	0	0	0	0	0	1	0	0	0	0
98335	2	0.58%	12	0	0	0	0	0	0	0	0	0	0	0	0
98355	2	0.58%	12	0	0	0	0	0	0	0	0	0	0	0	0
98383	2	0.58%	5	0	0	0	0	0	0	0	0	0	0	0	0
98405	2	0.58%	6	0	0	0	0	0	0	0	0	0	0	0	0
98418	2	0.58%	10	0	0	0	0	0	0	0	0	0	0	0	0
98512	2	0.58%	5	7	0	0	0	0	0	0	0	0	0	0	0
98576	2	0.58%	10	0	0	0	0	0	0	0	0	0	0	0	0
	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
00000	1	0.29%	0	1	1	0	1	0	1	0	0	0	0	0	0
9 66	1	0.29%	7	0	0	0	0	0	0	0	0	0	0	0	0
98 3	1	0.29%	2	0	0	3	0	0	0	0	0	0	0	0	0
98000	1	0.29%	4	0	0	0	0	0	0	0	0	0	1	0	0
98001	1	0.29%	3	0	0	0	0	0	0	0	0	0	0	0	0
98005	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98008	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98023	1	0.29%	2	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98042	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98047	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98055	1	0.29%	6	0	0	0	0	0	0	0	0	0	0	0	0
98056	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98116	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98119	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98125	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98168	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98188	1	0.29%	4	0	0	0	0	0	0	0	0	0	0	0	0
98275	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98287	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
983	1	0.29%	4	0	0	1	0	0	0	0	0	0	0	0	0
98321	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98330	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98356	1	0.29%	7	0	0	0	0	0	0	0	0	0	0	0	0
98367	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98377	1	0.29%	2	0	0	0	0	0	0	0	0	0	0	0	0
98378	1	0.29%	7	0	0	0	0	0	0	0	0	0	0	0	0
98390	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98443	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98465	1	0.29%	7	0	0	0	0	0	0	0	0	0	0	0	0
98506	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98560	1	0.29%	2	0	0	0	0	0	0	0	0	0	0	0	0
98564	1	0.29%	5	0	0	0	0	0	0	0	0	0	0	0	0
98568	1	0.29%	4	0	0	0	0	0	0	0	0	0	0	0	0
98589	1	0.29%	2	0	0	0	0	0	0	0	0	0	0	0	0